

## ABSTRACT

A position sensor for a medical device comprises a core made of a high permeable material such as Wiegand effect material comprising a mixture of cobalt, vanadium, and iron. The position sensor has an outer diameter of approximately 0.4 mm and is used in a medical device having an outer diameter of approximately 0.67 mm. \*

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.